

**Federal Motor Carrier
Safety Administration**

U.S. Department of
Transportation



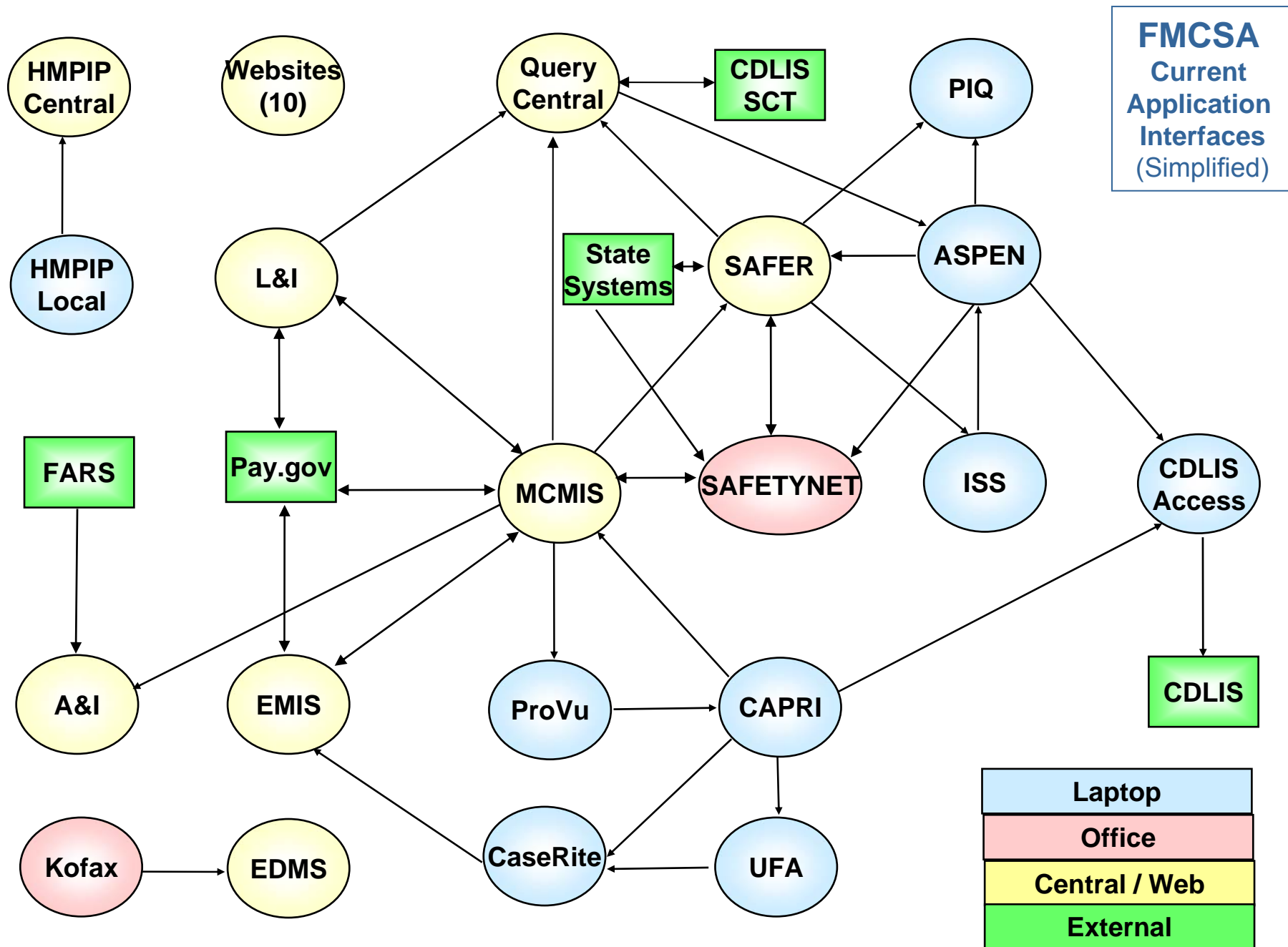
Overview Presentation
Billy Porter

Oklahoma Trucking Association

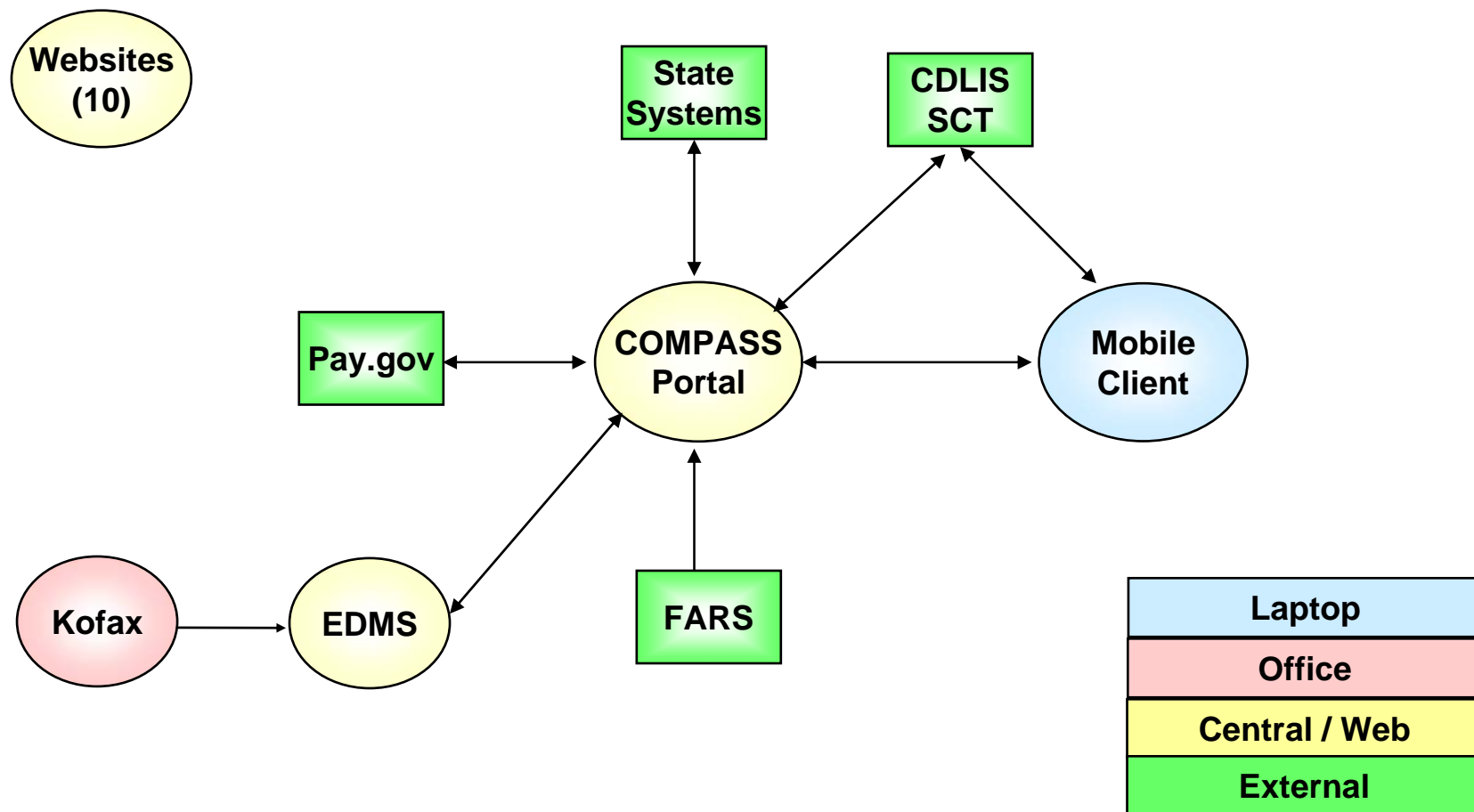
October 2006

Overview

- ▶ COMPASS Business Case, Program Description, Objectives, Scope
- ▶ Primary Components and Vision, Program History, and COMPASS Roadmap
- ▶ COMPASS Pilot and Upcoming Releases
- ▶ Portal Concept Screen Shots
- ▶ COMPASS and Data Quality



COMPASS Interfaces



COMPASS Business Case

- ▶ **Scaling up** - To keep pace with the increasing number of trucks and buses on America's highways
- ▶ **IT/business integration** - Improve the way people perform their jobs by redesigning processes and better integrating business with technology
- ▶ **Consolidation** - Eliminate numerous, stand-alone systems that create data redundancies and the need for multiple IDs/passwords
- ▶ **Data strategy** - Develop and deliver a comprehensive data strategy to use and maintain safety information more efficiently and effectively

COMPASS Program Description

COMPASS is a comprehensive overhaul of the way FMCSA and its partners collect, manage, and convey safety information.

- ▶ IT modernization and business process improvement integration
- ▶ Multi-year program with multiple releases of functionality to different user groups
- ▶ Collaborative effort with stakeholders

COMPASS Objectives

- ▶ **Improve data accessibility** through simple sign-on and easier navigation
- ▶ **Improve data consistency** through database consolidation and integration
- ▶ **Simplify data capturing** and information reporting
- ▶ **Increase productivity and efficiency** by better integrating our information technology with our business processes
- ▶ **Enable better policy and program decisions** through improved data quality
- ▶ **Reduce costs** for operations and maintenance through consolidation and implementing industry best practices

COMPASS Scope

- ▶ Affects core safety business processes, including:
 - Registration, crash, inspection, review/audit, enforcement, analysis
- ▶ It will affect all core safety applications, including:
 - Central - A&I, DataQs, EMIS, L&I, MCMIS, Query Central, SAFER, and FMCSA Web sites
 - Office - SAFETYNET
 - Laptop - Aspen, CAPRI, CaseRite, ISS, and UFA
- ▶ It will not directly affect administrative systems, including grants management or travel

COMPASS Vision: Primary Components

► Enterprise database

- Single authoritative data source
- Replaces major databases

► Data warehouse

- Reporting and analysis
- Replaces several applications

► Web Portal

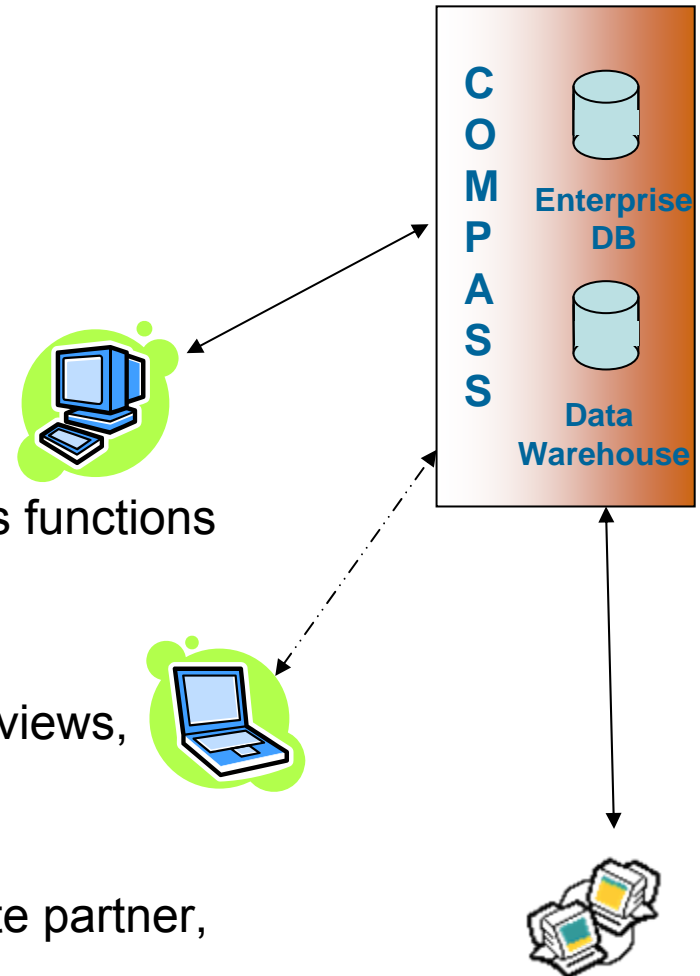
- Single access point for all online business functions

► Mobile client

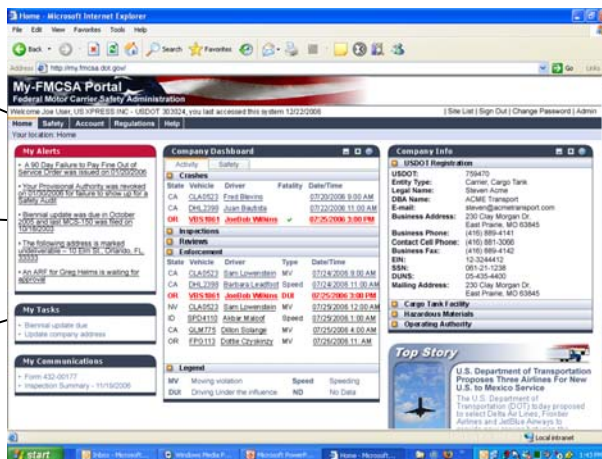
- Provides offline business functionality
- Replaces field systems for compliance reviews, inspections, etc.

► External data exchange

- Integration with other federal agency, state partner, and industry applications to share data



COMPASS Vision: Information Access



Web/Local Portal

Registration

Inspection

Review

Audit

Enforcement

Analysis

Access Channels

Business Processes

COMPASS Program History & Status

► 2004

- Launched as “IT Modernization Program” in September
- Began business process and data quality analysis

► 2005

- Completed high level business process and data quality analysis for core business processes
- Awarded contract for Systems Integrator to develop the technical solution
- Conducted user group sessions to begin development of pilot portal

► 2006

- Developed COMPASS Roadmap outlining all releases
- Established Information Management Authority
- Launched Pilot in July to select FMCSA Federal Program Managers and industry customers
- COMING – Portal Access release in April 2007

COMPASS Roadmap

- ▶ **Defines the plan** for all COMPASS releases
- ▶ **Identifies functionalities** included within each release
- ▶ **Logically sequenced** activities to phase in business functionality
- ▶ **Is flexible** and will change based on user input, legislative, regulatory and policy changes, technology changes, funding, etc
- ▶ **Supports the deployment** of new business capabilities and other efforts

COMPASS Pilot Performance

- ▶ **Launched on July 12** to select Federal staff from seven states and 15 industry customers
- ▶ **Web-based** technology with **single sign-on** to two major FMCSA systems (MCMIS and DataQs)
- ▶ **Centralized data** to facilitate
 - FMCSA staff process of assigning compliance reviews
 - Carrier review of their information, including crashes, inspections, reviews, and closed enforcement cases

Portal Access Scope

- ▶ Scheduled for April 2007 implementation
- ▶ Single sign-on access for FMCSA and state users to four of FMCSA's major systems
 - **MCMIS, L&I, DataQs, EMIS**
- ▶ Enforcement users with appropriate roles can customize view and select carrier for Review or Safety Audit and assign Safety Investigators to perform the review
- ▶ Carriers can view real-time company information specific to the Carrier including crashes, inspections, reviews, and closed enforcement cases
- ▶ Context-sensitive online help, online access to training materials, and survey and user feedback tools will be provided
- ▶ Automated accounts management at the office level

Portal Access Benefits

- ▶ Self-service accounts management at the office level
 - Register users for accounts to both COMPASS and existing systems
 - Registered users able to request additional COMPASS roles online
 - Roles are categorized by functionality, not title
 - Organization Coordinators and Authorized Users assign/remove roles online
 - Automated password reset and account unlock
 - No paper forms or faxes
 - Ability to select Username
- ▶ Print or download Company Safety Profiles on an as-needed basis at no charge
- ▶ Comply with e-authentication mandate

Portal Concept for Review Assignment Role

FMCSA Team Portal Federal Motor Carrier Safety Administration

USDOT #

[Advanced Search](#)

Welcome Joe User, you last accessed this system 12/22/2006

[Site List](#) | [Sign Out](#) | [Change Password](#) | [Admin](#)

[Home](#) | [Assignments](#) | [User Management](#) | [Employee Services](#) | [Personal](#) | [Email](#)

Your location: Home

My Alerts

- [ARF for Sue Tanges](#)

My Goals

Period end: 12/31/2006
Days Remaining:

Category	Goal	Completed
SafeStat A/B	17	6
Hot List	25	14
All SafeStat	6	0
HM Safety Permit	45	3
HHG	50	34
Passenger	75	55
Conditional	50	24
HM Carriers	100	89
Cargo Tank Facility	3	0
HM Shippers	3	0

Hot List

[Hot List](#) | [SafeStat](#) | [HM Shippers](#)

Due within 5 days

USDOT #	Company Name	Date Due	Assigned	Status
1234567	Bill's Trucking	07/27/2006	US-1234	
1234567	Tomlin Transport	07/27/2006	US-1234	
1234567	Coyote Trucking	07/27/2006	Assign	

Due within 15 days

USDOT #	Company Name	Date Due	Assigned	Status
1234567	JB Huntington	08/05/2006	US-1234	
1234567	USA Shipping	08/07/2006	US-1234	
1234567	Becks Service	08/08/2006	US-1234	
1234567	Coleman Ship..	08/08/2006	US-1234	
1234567	Sandy Toes Truck..	08/10/2006	US-1234	

Due within 30 days

USDOT #	Company Name	Date Due	Assigned	Status
1234567	D&L Shipping	08/15/2006	Assign	
1234567	Bob Wellman	08/19/2006	US-1234	
1234567	Dolores Swafford	08/25/2006	Assign	
1234567	Gollick Lines	08/25/2006	US-1234	
1234567	Delbert & Sons	08/27/2006	US-1234	
1234567	Eagle Transport	08/29/2006	Assign	

My Calendar

[Inspection](#) | [SafeStat](#) | [HM Shippers](#)

Today - Wednesday, July 26, 2006

USDOT #	Company Name	Date/Time
1234567	Bill's Trucking	07/26/2006 9:00 AM
1234567	Tomlin Transport	07/26/2006 11:00 AM
1234567	Coyote Trucking	07/26/2006 3:00 PM

Tomorrow - 07/27/2006

USDOT #	Company Name	Date/Time
1234567	JB Huntington	07/27/2006 8:00 AM
1234567	USA Shipping	07/27/2006 10:00 AM
1234567	Becks Service	07/27/2006 12:00 PM
1234567	Coleman Ship..	07/27/2006 2:00 PM
1234567	Sandy Toes Truck..	07/27/2006 4:00 PM


This Week

Next Week

Survey Results For Your Companies

FMCSA Portal - general satisfaction

Very Satisfied



Portal Concept for Carrier Role

My-FMCSA Portal Federal Motor Carrier Safety Administration

Welcome Joe User, US XPRESS INC - USDOT 303024, you last accessed this system 12/22/2006

| Site List | Sign Out | Change Password | Admin

[Home](#) [Safety](#) [Account](#) [Regulations](#) [Help](#)

Your location: Home

My Alerts

- A 90 Day Failure to Pay Fine Out of Service Order was issued on 01/20/2006
- Your Provisional Authority was revoked on 01/30/2006 for failure to show up for a Safety Audit
- Biennial update was due in October 2005 and last MCS-150 was filed on 10/18/2003
- The following address is marked undeliverable - 10 Elm St., Orlando, FL, 33333
- An ARF for Greg Helms is waiting for approval

My Tasks

- Biennial update due
- Update company address

My Communications

- Form 432-00177
- Inspection Summary - 11/19/2006

Company Dashboard

Activity

Safety

Crashes

State	Vehicle	Driver	Fatality	Date/Time
CA	CLA0523	Fred Blevins		07/20/2006 9:00 AM
CA	DHL2398	Juan Bautista		07/22/2006 11:00 AM
OR	VBS1861	JoeBob Wilkins	✓	07/25/2006 3:00 PM

Inspections

Reviews

Enforcement

State	Vehicle	Driver	Type	Date/Time
CA	CLA0523	Sam Lowenstein	MV	07/24/2006 9:00 AM
CA	DHL2398	Barbara Leadfoot	Speed	07/24/2006 11:00 AM
OR	VBS1861	JoeBob Wilkins	DUI	07/25/2006 3:00 PM
NV	CLA0523	Sam Lowenstein	MV	07/25/2006 12:00 AM
ID	SPD4110	Akbar Maloof	Speed	07/25/2006 1:00 AM
CA	QLM775	Dillon Solange	MV	07/25/2006 4:00 AM
OR	FPG113	Dottie Czynskiny	MV	07/26/2006 11: AM

Legend

MV	Moving violation	Speed	Speeding
DUI	Driving Under the influence	ND	No Data

Company Info

USDOT Registration

USDOT: 759470
Entity Type: Carrier, Cargo Tank
Legal Name: Steven Acme
DBA Name: ACME Transport
E-mail: steven@acmetransport.com
Business Address: 230 Clay Morgan Dr,
East Prairie, MO 63845
Business Phone: (416) 889-4141
Contact Cell Phone: (416) 881-3066
Business Fax: (416) 889-4142
EIN: 12-3244412
SSN: 061-21-1238
DUNS: 05-435-4400
Mailing Address: 230 Clay Morgan Dr,
East Prairie, MO 63845

Cargo Tank Facility

Hazardous Materials

Operating Authority

Top Story



U.S. Department of Transportation Proposes Three Airlines For New U.S. to Mexico Service

The U.S. Department of Transportation (DOT) today proposed to select Delta Air Lines, Frontier Airlines and JetBlue Airways to provide new service between the

Portal Access Current Status and Timeline

- ▶ Requirements are defined and screen mock-ups complete
- ▶ User Acceptance Testing to begin in early 2007
- ▶ Scheduled for release in April 2007

Public Access/Single Sign-On Scope and Benefits

- ▶ Scheduled for late 2007 calendar year implementation
- ▶ Public access and queries
 - A consistent view of data from a single source
- ▶ Enforcement users gain Single Sign-on to all central systems
 - A&I, DataQs, Query Central, HMPIP, EDMS, InfoSys, and SAFER through sign-on to the FMCSA Portal
- ▶ Selected inspection or crash data being challenged is automatically populated into DataQs

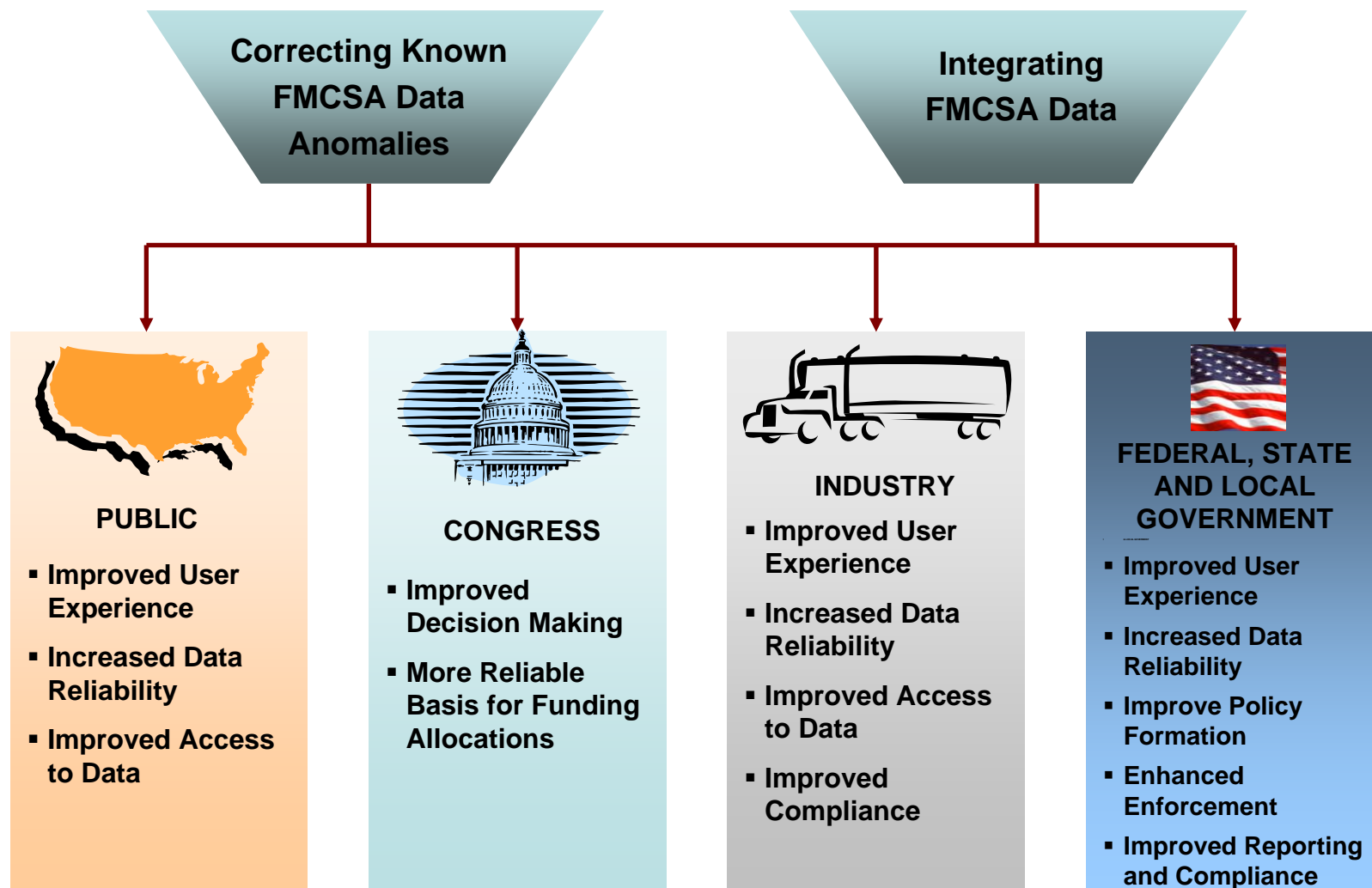
COMPASS Data Quality: a Key Driver

- ▶ Data Quality is a critical success factor for COMPASS
 - FMCSA can only realize its mission if the data are reliable
 - Policy development
 - Enforcement
 - Operational, tactical and strategic decision-making
 - Data analysis and dissemination
 - Growing demand for operational efficiency
 - Poor data quality is costly resulting in the use of valuable resources for data analysis, correction and cleansing
 - Effective data exchange requirements with other entities (internal and external)

Data Quality Attributes

DQ Attributes	Description
Accessibility	Data are easily accessible, understandable and useable
Accuracy	Data represent reality or a verifiable source
Completeness	All necessary data are present
Consistency	Data elements are similarly defined and normalized between systems
Integrity	Data structure and relationships among entities are consistently defined and maintained
Security	Data are safe from unauthorized access and alteration
Timeliness	Data are available when needed and perform within any latencies as defined in the system or policy requirements
Validity	All data values fall within acceptable ranges as defined by the system requirements

Expected Benefits of Data Quality



For More Information

To give feedback or ask questions of the
COMPASS program, e-mail compass@dot.gov.